



**RE: Pathogen Data**

**Miller, Robin** to: Marzooq Alebus, Jill Lipoti  
Barbara Hirst, Debra Hammond , Helen Pang, Jeffrey Reading,  
Cc: Paul Morton , Pilar Patterson , Jeff Gratz, Felix Locicero, Robert  
Nyman, Rosella OConnor, Antony Tseng

02/02/2012 04:47 PM

History: This message has been forwarded.

1 attachment



01389880-Passaic-Riv-Elmwood-Park-Enterococci.xlsb

Thank you for sending the NWIS link. I am concerned that there are not useful data for our Passaic River headwater geometric mean input purpose (as defined on the call) in the USGS NWIS database link provided. The direction after the call was to use the station at US RT 46 in Elmwood Park for the years 2000 and 2003 only. Here is what a query for Enterococci turned up:

As the attached excel spreadsheet shows, the time period of the Enterococci data at the station is from July 1991 through July 1997 with samples taken approximately every three months. This data ranges from <10 to 9000 /100 mL with an average of 1157 / 100mL and a standard deviation of 2020 /100 mL.

Let me know if you believe my query is in error. We will look at the Storet data that Helen sent tomorrow. Hopefully the Storet Enterococci data will be enough to allow for proceeding with data for 2000 and 2003 only as was requested. Otherwise, we are in the position again of choosing between using multiple years of data or a constant input.

ROBIN LANDECK MILLER

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-----Original Message-----

From: Marzooq Alebus [  
mailto:Marzooq.Alebus@dep.state.nj.us]

Sent: Thursday, February 02, 2012 9:27 AM  
To: Jill Lipoti; Miller, Robin  
Cc: Barbara Hirst; Debra Hammond; Helen Pang; Jeffrey Reading; Paul Morton; Pilar Patterson; Gratz.Jeff@epamail.epa.gov; Locicero.Felix@epamail.epa.gov; Nyman.Robert@epamail.epa.gov; OConnor.Rosella@epamail.epa.gov; Tseng.Antony@epamail.epa.gov  
Subject: Re: Pathogen Data

We have not checked STORET yet, and that's were most of the pathogen data collected by the state is stored.

Paul Morton is working on downloading all the data and he may provide more information on other potential sources

Thank you,  
Marco

>>> Jill Lipoti 2/1/2012 4:38 PM >>>  
All,

I'm a little shocked to see that this is data readily available from the NWIS database and it had not been considered before as part of the modeling effort. Shouldn't we do a search on NWIS to look for any other applicable data? Or putting it differently, with the data available through this link, are we convinced that we now have all data with any nexus to the Harbor modeling effort? Is there any data in STORET that we have overlooked? Are there any other places where data might reside that we should check?

It would be awkward if someone found that we had not used all readily available scientific data for decision-making on this issue.

Jill

>>> Marzooq Alebus 2/1/2012 3:24 PM >>>  
Hi Robin,

Here are the link to all the data sampled at Passaic R upstream of Dundee:

[http://nwis.waterdata.usgs.gov/nj/nwis/qwdata?search\\_station\\_nm=PassaicRiver&search\\_station\\_nm\\_match\\_type=beginning&format=s\\_tation\\_list&sort\\_key=site\\_no&group\\_key=NONE&inventory\\_output=0&rdb\\_inventory\\_output=file&TZoutput=0&pm\\_cd\\_compare=Greater than&radio\\_parm\\_cds=all\\_parm\\_cds&qw\\_attributes=0&qw\\_sample\\_wide=wide&rdb\\_qw\\_attributes=0&date\\_format=YYYY-MM-DD&rdb\\_compression=file&list\\_of\\_search\\_criteria=search\\_station\\_nm](http://nwis.waterdata.usgs.gov/nj/nwis/qwdata?search_station_nm=PassaicRiver&search_station_nm_match_type=beginning&format=s_tation_list&sort_key=site_no&group_key=NONE&inventory_output=0&rdb_inventory_output=file&TZoutput=0&pm_cd_compare=Greater than&radio_parm_cds=all_parm_cds&qw_attributes=0&qw_sample_wide=wide&rdb_qw_attributes=0&date_format=YYYY-MM-DD&rdb_compression=file&list_of_search_criteria=search_station_nm)

I hope the attached data can be of some use to provide long term assessment of the boundary at

Passaic R at Dundee

Pathogen indicators sampled from year 2000 to 2011:

# 31615 - Fecal coliform, EC broth method, water,  
most probable number per 100 milliliters # 31633 -  
Escherichia coli, m-TEC MF method, water, colonies  
per 100 milliliters # 31649 - Enterococci, m-E MF  
method, water, colonies per 100 milliliters # 31686  
- Total coliform, water, most probable number per 100  
milliliters

Helen, could you please check if this is all the data  
we have

If you've question, please let's know

Thank you,  
Marco

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